Particulars of Irrigation, Power & Flood Protection Schemes Included in The Second Five Year Plan

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Particulars of
Irrigation, Power & Flood
Protection Schemes
Included in
The Second Five Year Plan

C. W. & P. C. NO. I—'57

March 1957.

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Irrigation & Multipurpose Projects With Costs etc. Recommended for Inclusion in The Second Five Year Plan

IRRIGATION PROJECTS

STATE : ANDHRA PRADESH

Sl. No.	Name of Project	Total Estimated cost	Expenditure provided in Second Plan period	Anticipated benefits (lakh acres)	Remarks
1	2	3	4	5	6
	New Schemes	(Rs. in lakhs)			
1	Vamsadhara Project	1256·00	100·00	3·1	As a result of inspection, the State has been asked to carry out further investigation for alternate site.
	Medium Schemes				
2	Torrigedda Pumping Scheme	23·00			
3	Zurreru Reservoir Scheme	24·00			
4	Supply Channel from Paleru to Bitragunta Tank	21·00			
5	Vottigadda Reservoir Scheme	21·00			
6	Varah Reservoir at Kalyanapur lova	25·00	200·00	*0·22	*Benefits for medium schemes at Sl. No. 2 to 10 only assumed @ Rs. 1,000 per acre.
7	Kalyani Reservoir Scheme	25·00			
8	Bahuda Reservoir at Nimranapalli	34·00			
9	Thandava Reservoir at Gadigumi	34·00			
10	Paidigam Project	11·00			

1	2	3	4	5	6
11	Lakshmisagar Reservoir	16·00	16·00	0·04	
12	Chinnamusi Reservoir	18·00	18·00	0·045	
13	Nakavagu Reservoir	12·00	12·00	0·03	
14	Ramadgu Reservoir	14·00	14·00	0·034	Medium Schemes (Sl. No. 11 to 21) previously included under the Second Plan of ex-Hyderabad State. These are tentative.
15	Nallavagu Reservoir	16·00	16·00	0·04	
16	Salivagu Reservoir	13·00	13·00	0·04	
17	Akher Reservoir	37·00	27·00	0·15	
18	Peddavagu Reservoir	40·00	24·00	0·10	
19	Jowlinala Reservoir	37·00	37·00	0·099	
20	Kalanadi Reservoir	12·00	12·00	0·030	
21	Lakhnapur Reservoir	11·00	11·00	0·021	**Provision of Rs. 35 lakhs for Research and Investigation under ex-Hyderabad State is also included.
22	Investigations and Research	**85·00	85·00	..	
	TOTAL	1785·00	585·00	3·949	

IRRIGATION PROJECTS

STATE : ASSAM

Sl. No.	Name of Project	Total Estimated cost	Expenditure provided in Second Plan period	Anticipated benefits (lakh acres)	Remarks
1	2	3	4	5	6
		(Rs. in lakhs)			
	New Schemes				
1	Investigations of River Valley Projects	37·60	37·60	..	
2	Survey and Collection of minimum data for rivers	4·50	4·50	..	
3	Collection of Hydrological data for some rivers in Assam	3·40	3·40	..	
4	Establishment of a River Research and Soil Laboratory	20·00	20·00	..	
5	Construction of Buildings	1·50	1·50	..	
	TOTAL	67·00	67·00	..	

IRRIGATION PROJECTS

STATE : BIHAR

Sl. No.	Name of Project	Total Estimated cost	Expenditure provided in Second Plan period	Anticipated benefits (lakh acres)	R
1	2	3	4	5	6
		(Rs. in lakhs)			
	New Schemes				
1	Gandak	*2800·00	500·00 (Gandak and Sone Barrage together)	26·50	*Cost of Irrigation portion only.
2	Sone Barrage	1400·00		5·00	
3	Hanuman Pahar (Barua)	260·00	180·00	0·70	
4	Chandan	320·00	70·00	0·70	
5	Morwe	40·00	40·00	0·10	
6	Kohira (Khora)	50·00	50·00	0·23	
7	Koa	20·00	20·00	0·20	
8	Lower Kuil	60·00	60·00	0·64	
9	Jhumaria	20·00	20·00	0·10	
10	Khajia (Second phase)	40·00	40·00	0·42	
11	Sunder (Kushumghati)	20·00	20·00	0·13	
12	Torlow	20·00	20·00	0·07	
13	Kasai	540·00	100·00	2·82	
14	Kanchi	230·00	180·00	0·90	
15	Subarnarekha	370·00	100·00	1·00	
16	Small Schemes	100·00	100·00	0·30	
	TOTAL	6290·00	1500·00	39·81	

IRRIGATION PROJECTS

STATE : BOMBAY

Sl. No.	Name of Project	Total Estimated cost	Expenditure provided in Second Plan period	Anticipated benefits (lakh acres)	Remarks
1	2	3	4	5	6
		(Rs. in lakhs)			
	New Schemes				
1	Saraswaty River Scheme	150·00	150·00	0·50	
2	Hathmathi Reservoir Scheme	150·00	150·00	0·63	
3	Shamlaji (Meshwa)	100·00	100·00	0·29	
4	Gangapur Storage Project (Stage II)	170·00	170·00	0·19	
5	Varna Project	160·00	160·00	0·14	
6	Shetrunji	120·00	120·00	0·21	
7	Kurnur	260·00	260·00	0·18	
8	Mahi (Kadana—Stage II)	1310·00	500·00	5·01	
9	Narmada (Broach)	2500·00	300·00	10·97	
10	Banas (Dhantiwada)	737·00	300·00	1·32	
11	Vir	461·00	450·00	1·00	
12	Mula	839·00	300·00	1·51	
13	Girna	808·00	400·00	0·88	
14	Ukai	*2850·00	750·00	5·31	*Cost of Irrigation only.
15	Khadakwasla	**1174·00	300·00	0·88	**Includes water supply to Poona city also.
16	Demi Irrigation Scheme	40·00	40·00	0·06	
17	Ghelo Irrigation Scheme	21·00	21·00	0·04	Cost of Irrigation portion =9·93 lakhs.
18	Bhogawo (Stage II)	50·00	50·00	0·05	
19	Limbdi Bhogawo	30·00	30·00	0·04	As a result of inspection the State has been asked to carry out further investigations for alternate sites.
20	Bhadar	400·00	59·00	0·90	

1	2	3	4	5	6
21	Rojki	26·00	26·00	0·035	
22	Dhatarwadi	30·00	30·00	0·05	
23	Fulzar	30·00	30·00	0·05	
24	Vartu	50·00	50·00	0·06	
25	Sapda	15·00	15·00	0·025	
26	Machhu II	150·00	49·00	0·30	
27	Purna Projects	*555·00	500·00	1·55	*Cost of Irrigation portion only.
28	Suvai	10·00	10·00	0·04	
29	Niruna	22·00	22·00	0·09	
30	Gajansar	10·00	10·00	0·04	
31	Bor-river	160·00	34·00	0·50	
32	Nalganga	123·00	123·00	0·43	
33	Kada	18·00	10·00	0·025	Medium Schemes (Sl. No. 33 to 44) previously included under the Second Plan of ex-Hyderabad State. These are tentative.
34	Wan	36·00	13·00	0·052	
35	Mekhri	18·00	10·00	0·025	
36	Chandni	21·00	21·00	0·03	
37	Tirana	16·00	16·00	0·045	
38	Bori	28·00	10·00	0·04	
39	Sukwa	28·00	16·00	0·04	
40	Yerbhadra	21 00	10·00	0·03	
41	Kham	42·00	14·00	0·06	
42	Upper Dudhna	28 00	12·00	0·04	
43	Gohati	21·00	10·00	0·03	
44	Suddavagu	49·00	30·00	0·07	
45	Investigations	50·00	50·00	..	
	TOTAL	13887·00	5731·00	33·767	

IRRIGATION PROJECTS

STATE : JAMMU & KASHMIR

Sl. No.	Name of Project	Total Estimated cost	Expenditure provided in Second Plan period	Anticipated benefits (lakh acres)	Remarks
1	2	3	4	5	6
		(Rs. in lakhs)			
	A. Major and Medium Gravity Irrigation Schemes				
1	Reasi Canal Project	13·50	10·00	0·005	
2	Pargial Kuhl Chenab	15·00	15·00	0·045	
3	Tawi Canal	15·00	15·00	0·080	
4	Ranbir Canal	15·00	15·00	0·100	
5	Lidder Canal	75·00	58·00	0·100	
6	Remodelling and Extension of Zamindar Kuhls	50·00	50·00	0·050	
	B. Major and Medium Lift Irrigation Schemes				
7	Ranbir Canal	90·00	10·00	0·090	
8	Kandizal Area	10·00	10·00	0·050	
9	Improvement to Irrigation	12·60	12·60	0·037	
10	Surveys	5·10	5·10	..	
	TOTAL	301·20	200·70	0·557 say 0·56	

IRRIGATION PROJECTS

STATE : KERALA

Sl. No.	Name of Project	Total Estimated cost	Expenditure provided in Second Plan period	Anticipated benefits (lakh acres)	Remarks
1	2	3	4	5	6
		(Rs. in lakhs)			
1	Chalakudy (Stage II)	60·00	60·00	0·20	
2	Neyyar (Stage II)	105·00	105·00	*0·19	*This includes area in Vilavancode Taluk which has now been transferred to Madras. Details not known.
3	Cheerakuzhi Scheme	47·00	47·00	0·04	
4	Boothathankettu Scheme	348·00	348·00	0·63	
5	Meenakari	48·00	48·00	0·04	
6	Investigations	4·00	4·00	..	
	TOTAL	612·00	612·00	1·10	

IRRIGATION PROJECTS

STATE : MADHYA PRADESH

Sl. No.	Name of Project	Total Estimated cost	Expenditure provided in Second Plan period	Anticipated benefits (lakh acres)	Remarks
1	2	3	4	5	6
		(Rs. in lakhs)			
1	Tawa Project	*1395·00	400·00	5·90	*Cost of Irrigation portion only.
2	Remodelling Mahanadi Canal System	200·00	200·00	..	
3	Maniari Tank	25·00	25·00	0·24	
4	Bila	46·00	46·00	0·15	
5	Nahlesara	30·00	30·00	0·09	
6	Kedar Nala	28·00	28·00	0·12	
7	Keswa Nala	24·00	24·00	0·08	
8	Rana Pratap Sagar Dam (Share of M.P.)	*183·00	45·00	1·50	
9	Jassaiya Banskhedi Dam Project (Koncha)	57·00	57·00	0·14	
10	Chandrakeshar River Project	85·00	85·00	0·15	
11	Akhajhiri Tank	17·50	17·50	0·04	
12	Removing shortage of Harsi Irrigation Scheme	31·50	31·50	0·12	
13	Provision for Irrigation Scheme in Bhilsa Distt.	30·00	5·00	..	
14	Provision for Irrigation Scheme in Rajgarh Distt.	25·00	16·00	..	
15	Bamori Tank	17·00	17·00	0·02	
16	Pingal Nala Tank	35·00	23·00	0·15	
17	Pampavati Tank	15·00	10·00	0·03	

1	2	3	4	5	6
18	Choral Project	40·00	26·00	0·09	
19	Bhansa Khedi Tank	20·00	13·00	0·05	
20	Tillar River Project	40·00	26·00	0·09	
21	Extra Provision for Irrigation Scheme	27·00	27·00	..	
22	Barna	400·00	230·00	1·50	
23	Kaliasote Project	45·00	45·00	0·12	
24	Devendra Nagar	11·00	11·00	0·08	
25	Galhatha	†18·40	12·00	0·06	
26	Nandanwara Tank	†10·80	10·80	0·11	†Cost taken as per report.
27	Beniganj	†25·90	25·90	0·11	
28	Nagdanalla	12·00	10·00	0·11	
29	Upper Ken	125·00	0·10	0·40	
30	Chatat Reservoir	14·00	10·00	0·05	
31	Raigwan Canal Scheme	20·00	12·00	0·08	
32	West Sohawal Scheme	20·00	12·00	0·12	
33	Nagod Canal Scheme	20·00	12·00	0·20	
34	Parreri Canal Scheme	10·00	10·00	0·06	
35	Unchera Canal Scheme	10·80	10·80	0·06	
36	Investigations	52·90	52·90	..	
	TOTAL	3166·80	1616·50	12·02	

IRRIGATION PROJECTS

STATE : MADRAS

Sl. No.	Name of Project	Total Estimated cost	Expenditure provided in Second Plan period	Anticipated benefits (lakh acres)	Remarks
1	2	3	4	5	6
		(Rs. in lakhs)			
1	New Kattalai Canal Scheme	148·00	148·00	0·21	
2	Pullambady Canal Scheme	133·00	133·00	0·22	
3	Vidur Reservoir Project	61·00	61·00	0·03	
4	Diversion of West flowing rivers to the East-Parambikulam Sholayar-Aliyar Project	3200·00	100·00	3·20	
	or				
	Palam Poranthalar	153·00	100·00	0·11	
5	Improvement of Bahone Tank	10·00	10·00	0·043	
	TOTAL	3552·00	452·00	3·703	
		505·00		0·613	

IRRIGATION PROJECTS

STATE : MYSORE

Sl. No.	Name of Project	Total Estimated cost	Expenditure provided in Second Plan period	Anticipated benefits (lakh acres)	Remarks
1	2	3	4	5	6
		(Rs. in lakhs)			
1	Ghataprabha (Stage II)	924·00	650·00	2·05	
2	Kabbini Reservoir	250·00	236·00	0·30	
3	Jambadahalla Reservoir	40·00	40·00	0·06	
4	Chickhole Reservoir	22·00	22·00	0·026	
5	Sagare Doddakere	13·00	13·00	0·012	
6	Hagari Bommanahalli (Malvi)	79·00	79·00	0·073	
7	Hebbahalla	15·00	15·00	0·015	
8	Arkavathi	40·00	40·00	0·051	
9	Mangala	14·00	14·00	0·013	
10	Dharma	80·00	80·00	0·18	
11	Jutpally Reservoir	15·00	15·00	0·026	Medium Schemes (Sl. No. 11 to 19) previously included under the Second Plan of ex-Hyderabad State. These are tentative.
12	Doripally Vagu Reservoir	15·00	15·00	0·03	
13	Hathikoni Reservoir	15·00	15·00	0·03	
14	Kamalavati Reservoir	13·00	13·00	0·027	
15	Chinnangi Vagu Reservoir	35·00	10·00	0·07	
16	Kakervani Reservoir	13·00	13·00	0·026	
17	Nallavagu Reservoir	15·00	15·00	0·03	
18	Kanakanala Reservoir	18·00	18·00	0·035	
19	Masekinala Reservoir	15·00	15·00	0·03	
20	Lakshmanatirtha Project	245·00	245·00	0·03	
21	Investigations	55·00	55·00	..	
	TOTAL	1661·00	1348·00	3·114	

IRRIGATION PROJECTS

STATE : ORISSA

Sl. No.	Name of Project	Total Estimated cost	Expenditure provided in Second Plan period	Anticipated benefits (lakh acres)	Remarks
1	2	3	4	5	6
		(Rs. in lakhs)			
1	Salandi Project	445·00	425·00	3·53	
2	Salki Project	53·00	33·00	0·45	
3	Rayagada Project	19·00	13·00	0·05	
4	Darjang Project	20·00	7·00	0·08	
5	Budhibudhiani Project	43·00	38·00	0·13	
6	Salia Project	47·00	40·00	0·26	
7	Godahodo and Ramnadi Project	17·00	17·00	0·09	
8	Dhanai Project	17·00	17·00	0·05	
9	Investigations	10·00	10·00	..	
	TOTAL	671·00	600·00	4·64	

IRRIGATION PROJECTS

STATE : PUNJAB

Sl. No.	Name of Project	Total Estimated cost	Expenditure provided in Second Plan period	Anticipated benefits (lakh acres)	Remarks
1	2	3	4	5	6
		(Rs. in lakhs)			
1	Gurgaon Canal Project	245·00	150·00	1·064	
2	Increasing capacity of channels in Karnal and Delhi divisions and remodelling and canalising the main line lower Western Jumna Canal	75·00	50·00	0·750	Plan Provision approved by P.C. is Rs. 404 lakhs which includes 100 lakhs for Sirsa branch now dropped from Second Plan.
3	Extension of non-perennial Irrigation to areas on Upper Bari Doab Canal	33·00	20·00	0·600	
4	Extension of Flood Irrigation (Lift) from Western Jumna Canal to Rewari and adjoining areas	56·00	56·00	0·400	
5	Dam on Janauri-di-Khad	14·00	14·00	0·026	
6	Investigation of Schemes	14·00	14·00	..	
	TOTAL	437·00	304·00	2·840	

IRRIGATION PROJECTS

STATE : RAJASTHAN

Sl. No.	Name of Project	Total Estimated cost	Expenditure provided in Second Plan period	Anticipated benefits (lakh acres)	Remarks
1	2	3	4	5	6
		(Rs. in lakhs)			
1	Rana Pratap Sagar Dam (Share of Rajasthan) . . .	183·00	50·00	1·50	
2	Banas Irrigation Project (Amarpura)	480·00	280·00	2·50	
3	Jakham Irrigation Project	117·00	100·00	0·533	
4	Mahi Irrigation Project	195·00	147·00	0·70	
5	Berach Irrigation Project	32·00	32·00	0·15	
6	Berach Irrigation Project near Badgaon	45·00	45·00	0·20	
7	Wagan Irrigation Project	46·50	46·50	0·275	
8	Alnia Irrigation Project	12·50	12·50	0·11	
9	Sabi Irrigation Project	25·00	25·00	0·46	
10	Khari Feeder for Rajasmand	20·00	20·00	0·08	
11	Bandi Irrigation Project (Sendra)	26·00	26·00	0·08	
12	Khari Storage Project	30·00	30·00	0·135	
13	West Banas Irrigation Project	28·00	28·00	0·145	
14	Sukli River Project	18·00	18·00	0·08	
15	Manoharthan Irrigation Project	95·00	95·00	0·50	
16	Sawan Bhadon Irrigation Project	11·00	11·00	0·10	
17	Constructing a reservoir at Para on Khari river near Kekri .	30·00	9·00	0·06	
18	Constructing new tank on Lahasaria catching Dai river near Kekri	21·00	21·00	0·05	
19	A Reservoir between Govindgarh and Pisanganj on Sagarmathi river	30·00	30·00	0·07	
20	Bharatpur Feeder	15·00	15·00	0·18	
21	Investigations	13·00	13·00	..	
	TOTAL	1473·00	1054·00	7·908 say 7·91	

IRRIGATION PROJECTS

STATE : UTTAR PRADESH

Sl. No.	Name of Project	Total Estimated cost	Expenditure provided in Second Plan period	Anticipated benefits (lakh acres)	Remarks
1	2	3	4	5	6
		(Rs. in lakhs)			
1	Ohen Reservoir Project	57·0	57·0	0·15	
2	Tumaria Reservoir Project	125·0	125·0	0·40	
3	Nanak Sagar Scheme	282·0	282·0	1·33	
4	Upper Khajuri Reservoir Project	48·0	48·0	0·14	
5	Jirgo Reservoir Project	121·5	121·5	0·64	*Secret*—Total cost Rs. 28·87 crores as modified by C.E. (Irrigation=Rs.15·99, Power=8·88, and Flood=Rs. 4·00 crores).
6	Kuwano Pumped Canal Project	80·0	80·0	0·53	
7	Meja Reservoir Project	177·5	177·5	0·71	
8	Matatilla Dam (Stage II)	312·0	161·0	1·48	
9	Sarda Sagar (Stage II) including lining of Hardoi Branch	984·0	737·0	3·25	
10	Ramganga River Project	1599·0	450·0	7·01	
11	Investigations	50·0	50·0	..	
	TOTAL	3836·0	2289·0	15·64	

IRRIGATION PROJECTS

STATE : WEST BENGAL

Sl. No.	Name of Project	Total Estimated cost	Expenditure provided in Second Plan period	Anticipated benefits (lakh acres)	Remarks
1	2	3	4	5	6
	New Schemes	(Rs. in lakhs)			
1	Kangsabati Project	2468·00	500·00	9·50	
2	Karatowa-Talma Scheme	49·00	49·00	0·22	
3	Contour Survey in areas excluding Sunderbans	29·00	5·00	..	
4	Hydrological Observations	21·00	5·00	..	
5	Development of River Research Institute	10·00	7·00	..	
6	Equipment of I.D.C.D.O. Library	3·00	3·00	..	
7	Amta Drainage	45·00	45·00	..	
8	Specialised Training	2·00	2·00	..	
	TOTAL	2627·00	616·00	9·72	

IRRIGATION PROJECTS

DELHI

Sl. No.	Name of Project	Total Estimated cost	Expenditure provided in Second Plan period	Anticipated benefits (lakh acres)	Remarks
1	2	3	4	5	6
		(Rs. in lakhs)			
1	Scheme for Irrigation Unit in Delhi State (Surveys and Investigations)	2·50	2·50	..	
2	Scheme for Extension of Western Jumna Canal Irrigation System	15·00	15·00	0·8	
	TOTAL . . .	17.50 say 18·00	17·50 say 18·00	0·8	

IRRIGATION PROJECTS

STATE : HIMACHAL PRADESH

Sl. No.	Name of Scheme	Total Estimated cost	Expenditure provided in Second Plan period	Anticipated benefits (lakh acres)	Remarks
1	2	3	4	5	6
	New Schemes	(Rs. in lakhs)			
1	Nil	..	..	..	

IRRIGATION PROJECTS

MANIPUR

Sl. No.	Name of Project	Total Estimated cost	Expenditure provided in Second Plan period	Anticipated benefits (lakh acres)	Remarks
1	2	3	4	5	6
	New Schemes	(Rs. in lakhs)			
1	Investigation and Surveys	10·00	10·00	..	

IRRIGATION PROJECTS

TRIPURA

Sl. No.	Name of Project	Total Estimated cost	Expenditure provided in Second Plan period	Anticipated benefits (lakh acres)	Remarks
1	2	3	4	5	6
	New Schemes	(Rs. in lakhs)			
1	Nil	..	..	..	

Irrigation Projects Continuing from The First Five Year Plan

IRRIGATION PROJECTS

STATE : ANDHRA

Sl. No.	Name of Project	Total Estimated cost	Expenditure incurred to end of First Plan period	Expenditure provided in Second Plan period	Anticipated benefits (acres)	Area actually irrigated at the end of First Plan (acres)	District benefited	Remarks
1	2	3	4	5	6	7	8	9
	Schemes continuing from First Plan		(Rs. in lakhs)					
1	Nagarjunasagar (Stage I)	8818·00	110·09	3400·00	20,99,000	..	Guntur, Nellore, Kurnool, Warangal and Nalgonda	Figures in cols. 3, 4 and 6 against Tungabhadra Project and Tungabhadra High Level Canal are for the project as a whole. Provision in col. 5 are for the Andhra State only. A provision of Rs. 5·52 crores has been made in Mysore State for Tungabhadra and Rajolibunda Projects.
2	Tungabhadra Project	4694·00	4066·68	*	8,30,000	61,273	Kurnool of Andhra State, Raichur and Bellary of Mysore State	
3	Rallapad (Stage II)	103·00	57·75	*	8,175	..	Nellore	
4	Upper Pennar	145·36	117·51	*	9,500	..	Anantpur	
5	Bhairvanitappa	102·00	†33·26	*	8,500	..	Anantpur	
6	Tungabhadra High Level Canal	2535·00	..	520·00	4,09,000	..	Anantpur, Cuddapah and Kurnool of Andhra State and Bellary in Mysore State	
7	Krishna Regulator-*cum*-road bridge	284·00	106·42	*	1,00,000	..	Krishna and Guntur	
8	Godavari (1st phase)	441·00	355·40	*	67,000	..	Adilabad	
9	Sarla Sagar	30·00	17·51	**	4,800	..	Mahbubnagar	†Works portion.

1	2	3	4	5	6	7	8	9
	Scarcity Schemes							
10	Nagavalli	17·13	5·44	*	9,000	..	Srikakulam	5 per cent cut has not been made in the figures in col. 5.
11	Vegavati	16·60	5·09	*	5,524	..	Srikakulam	
12	Seethanagram	12·64	4·64	*	4,017	..	Srikakulam	
13	Narayanapuram	54·24	1·83	*	36,817	..	Srikakulam	
14	Gambhiragadda	11·42	5·35	*	1,509	..	Visakhapatnam	
15	Mallimaduga	16·47	17·94	**	4,050	..	Chittor	
16	Siddalagandi	5·01	2·89	*	350	..	Chittor	
17	Lower Sagileru	47·88	23·23	*	3,000	..	Cuddapah	
18	Pincha Nadi	55·48	36·49	*	4,160	..	Cuddapah	
19	K. C. Canal	394·00	170·27	*	1,00,000	..	Cuddapah	
20	Chennarayaswamy	14·85	11·58	*	1,125	..	Anantpur	
21	Sirala	1·89	0·40	**	3,000	279	Nanded	
22	Musi	118·14	29·53	**	38,000	..	Nalgonda	

*Lump sum provision of Rs. 430 lakhs has been made for these schemes. Scheme wise provision is not available.

**These schemes were in the former Hyderabad State and now are in the Andhra Pradesh. Rs. 149 lakhs had been provided for these and other medium schemes of former Hyderabad State. Schemewise provision is not available.

IRRIGATION PROJECTS
STATE : BOMBAY

Sl. No.	Name of Project	Total Estimated cost	Expenditure incurred to end of First Plan period	Expenditure provided in Second Plan period	Anticipated benefits (acres)	Area actually irrigated at the end of First Plan (acres)	District benefited	Remarks
1	2	3	4	5	6	7	8	9
	Schemes continuing from First Plan		(Rs. in lakhs)					
1	Kakrapar	1165·00	647·00	960·49 (for items 1–4)	6,52,000	10,232	Surat	
2	Mahi Right Bank Canal	886·00	413·45		4,47,000	..	Kaira	
3	Gangapur	395·97	284·87		45,000	..	Nasik and Ahmednagar	
4	Ranand Tank	30·18	22·99		3,700	600	Satara	
5	Machu	124·60	66·99	50·00	22,000	..	Madhya Saurashtra	Figures in col. 5 are tentatively given by the previous Saurashtra State. 5 per cent cut has not been made. (for items 5–12)
6	Aji	80·00	57·74	5.00	6,400	..	Rajkot	
7	Bhogavo (Part I)	50·00	23·89	20·00	4,200	..	Zalawad	
8	Ozat (Part I) (Part II)	13·02 32·33	22·32	20·00	15,000	..	Sorath	
9	Hiran	51·50	12·04	37·00	6,465	..	Sorath	
10	Rawal	10·93	1·33	9·00	5,000	..	Sorath	
11	Machhundri	20·05	1·18	14·00	5,000	..	Sorath	
12	Shetrunji	437·67	1·83	376·00	80,000	..	Gohilwad and Madhya Saurashtra	

1	2	3	4	5	6	7	8	9
13	Rudarmata . . .	46·17	..	45·16	29,552	..	Bhuj	Figures in col. 5 are tentatively given by previous Kutch State. 5 per cent cut has not been made.
14	Bendsura . . .	58·81	N. A.	3·60	9,300	6,096]	Bhir	
15	Khasapur . . .	51·26	N. A.	4·72	13,500	2,622	Osmanabad	
	Scarcity Schemes							
16	Harnav River Scheme .	32·00	14·20	*	10,000	..	Sabarkantha	
17	Constructing a Tank at Karol	4·00	N. A.	*	3,600	N.A.	Sabarkantha	
18	Moti Fatehwadi Canal System	48·00	26·40	*	53,000	..	Ahmedabad	
19	Patadungri Tank Scheme in Dohad taluka	53·00	35·05	*	12,000	..	Panchmahal	N.A.—Not available.
20	Bandhara across Heran river	9·15	N.A.	*	4,000	N.A.	Baroda	
21	Bandhara across Vir river .	8·61	5·15	*	4,000	..	Surat	
22	Raising Deshwada Tank .	6·45	4·10	*	2,200	..	Surat	
23	Karod Tank Scheme .	65·00	12·71	*	13,000	..	Panchmahal	
24	Ghod Dam Project . .	484·80	53·41	*	75,000	..	Ahmednagar	
25	Extension of Krishna Canal	82·00	17·50	*	5,718	..	South Satara	
26	Mosam river Weir Scheme .	69·93	21·14	*	15,000	..	Nasik	
27	Pushpavati Bandhara .	14·65	5·45	*	4,020	..	Poona	

IRRIGATION PROJECTS

STATE : BOMBAY—*contd.*

Sl. No.	Name of Project	Total Estimated cost	Expenditure incurred to end of First Plan period	Expenditure provided in Second Plan period	Anticipated benefits (acres)	Area actually irrigated at the end of First Plan (acres)	District benefited	Remarks
1	2	3	4	5	6	7	8	9
			(Rs. in lakhs)					
28	Budhal Tank . .	65·00	24·98	*	7,000	..	Sholapur	N.A.—Not available.
29	Bandhara on Tarali . .	13·00	6·93	*	5,500	..	North Satara	
30	Bandhara on Urmedi .	15·67	6·56	*	4,500	..	North Satara	
31	Munjiasar . . .	46·00	30·20	15·00	4,200	..	Bagasra	
32	Shivna	1·64	N.A.	0.13	750	N.A.	Aurangabad	
33	Talwar	14·24	8·03	6·21	3,000	..	Bhir	
34	Dheku	33·36	8·00	25·36	6,700	..	Aurangabad	
35	Jui	32·12	8·00	24·12	5,700	..	Aurangabad	
36	Naldurg	0·38	0·30	0·08	190	..	Aurangabad	
37	Purna	2·35	0·30	2·05	240	..	Aurangabad	
38	Kamli	20·00	10·43	9·57	2625	..	Bhir	

*Lump sum provision of Rs. 544 lakhs has been made for all Schemes. Schemewise provision is not available.

IRRIGATION PROJECTS

STATE: BIHAR

Sl. No.	Name of Project	Total Estimated cost	Expenditure incurred to end of First Plan period	Expenditure provided in Second Plan period	Anticipated benefits (acres)	Area actually irrigated at the end of First Plan (acres)	District benefited	Remarks
1	2	3	4	5	6	7	8	9
	Schemes continuing from First Plan	(Rs. in lakhs)						
1	Kosi	4592·00	320·50	1700·00	1,426,000	..	North Bihar and Nepal State	
2	Drainage of chaurs and other Irrigation Schemes							
	(*i*) Botane Irrigation Scheme	18·46	7·87	9·00	18,000	..	Gaya	
	(*ii*) Upper Morhar Irrigation Scheme	56.13	17·60	45·00	36,000	..	Gaya	
	(*iii*) Lilajan Morhar Irrigation Scheme	64·99	21·76	53·00	56,000	..	Gaya	
	(*iv*) Durgawati Irrigation Scheme	27·94	16·22	10·00	30,700	..	Shahbad	
	(*v*) Kaurihari Irrigation Scheme	48·23	16·21	39·00	28,800	..	Monghyr	
	(*vi*) Kharagpur Lake Scheme	17·58	7·17	12·00	10,000	..	Monghyr	

IRRIGATION PROJECTS

STATE : BIHAR

Sl. No.	Name of Project	Total Estimated cost	Expenditure incurred to end of First Plan period	Expenditure provided in Second Plan period	Anticipated benefits (acres)	Area actually irrigated at the end of First Plan (acres)	District benefited	Remarks
1	2	3	4	5	6	7	8	9
		(Rs. in lakhs)						
3	Paimar	12·00	N.A.	10·00	8,000	..	Gaya	N.A.—Not available.
4	Lower Morhar	28·15	N.A.	24·00	21,000	..	Gaya	
5	Adri	16·61	N.A.	13·00	11,000	..	Gaya	5 per cent cut has not been made in the figures in col. 5.
6	Jinjoi	19.00	N.A.	16.00	10,000	..	Palamau	
7	Sona	32.00	N.A.	29.00	7,200	..	Singhbum	
8	Mayurakshi Left Bank Canal	81·10	71·00	10·00	25,000	..	Santhal Parganas	
	Scarcity Schemes							
9	Tribeni Canal Extension Scheme	112·00	38·35	41·00	62,100	..	Champaran	
10	Kamla Canal Scheme	26·00	9·68	16·00	40,000	..	Darbhanga	

IRRIGATION PROJECTS

STATE : JAMMU & KASHMIR

Sl. No.	Name of Project	Total Estimated cost	Expenditure incurred to end of First Plan period	Expenditure provided in Second Plan period	Anticipated benefits (acres)	Area actually irrigated at the end of First Plan (acres)	District benefited	Remarks
1	2	3	4	5	6	7	8	9
	Schemes continuing from First Plan		(Rs. in lakhs)					
1	Pratap Canal Remodelling .	40·00	0·10	40·00	20,000	..	Jammu	5 per cent cut has not been made in the figures in col. 5.
2	Kishtwar Canal Project .	82·00	26·30	30·00	5,000	..	Jammu	
3	Kharbatung Canal . .	23·50	1·08	12·20	3,000	..	Ladakh	

IRRIGATION PROJECTS

STATE : KERALA

Sl. No.	Name of Project	Total Estimated cost	Expenditure incurred to end of First Plan period	Expenditure provided in Second Plan period	Anticipated benefits (acres)	Area actually irrigated at the end of First Plan (acres)	District benefited	Remarks
1	2	3	4	5	6	7	8	9
	Schemes continuing from First Plan		(Rs. in lakhs)					
1	Peechi . . .	235·00	191·39	17·00	46,000	23,089	Trichur	
2	Chalakudy (Stage I) .	153·27	110·91	12·00	30,000	26,000	Trichur	
3	Wadakkancheri (Vazhani) .	107·57	58·98	24·10	8,000	..	Trichur	5 per cent cut has not been made in the figures in col. 5
4	Neyyar (Stage I) . .	146·00	96·19	32·59	18,000	..	Trivandrum	
5.	Malampuzha . . .	528·00	413·82	105·03	46,000	35,000	Malabar	
6	Walayar . . .	111·68	87·46	10·00	8,000	..	Malabar	
7	Manglam . . .	97·51	50·43	30·40	6,000	..	Malabar	

IRRIGATION PROJECTS

STATE : MADHYA PRADESH

Sl. No.	Name of Project	Total Estimated cost	Expenditure incurred to end of First Plan period	Expenditure provided in Second Plan period	Anticipated benefits (acres)	Area actually irrigated at the end of First Plan (acres)	District benefited	Remarks
1	2	3	4	5	6	7	8	9
	Schemes continuing from First Plan		(Rs. in lakhs)					
1	Chambal (Stage I)	4803·00	627·72	1350·29	11,00,000	..	Morina, Bhind and Gird	Figures in cols. 3, 4 & 6 of Chambal Project are for the whole Project (Madhya Pradesh & Rajasthan). Col. 5 gives provision for Madhya Pradesh side only for Irrigation.
2	Dudhwa (including Remodelling of Mahanadi Canals)	325·00	31·08	100·00	350,000	..	Raipur	
3	Sampana	48·15	35·71	5·00	9,500	..	Betul	
4	Dukrikheda	38·35	24·76	2·00	6,600	..	Hoshingabad	
5	Gondli	83·47	53·13	30·00	50,000	..	Durg	
6	Gangulpara	49·70	28·99	2·00	8,525	..	Balaghat	
7	Saroda	67·50	21·75	31·00	19,500	..	Durg	
8	Mola	23·60	15·51	5·80	7,000	..	Guna	
9	Borad Scheme	81·60	10·77	67·76	20,000	..	Nimar	
	Medium Schemes							
10	(i) Norwan Tank	40·0	..	27.60	19,200	..	Mandsaur, Ratlam, Rajagarh and Dhar	
	(ii) Shivgarh Bedli Tank		3·26	6·99				
	(iii) Barodia Tank		..	10·90				
	(iv) Kunda Nalla Tank		8·65	8·34				

IRRIGATION PROJECTS

STATE : MADHYA PRADESH—*contd.*

Sl. No.	Name of Project	Total Estimated cost	Expenditure incurred to end of First Plan period	Expenditure provided in Second Plan period	Anticipated benefits (acres)	Area actually irrigated at the end of First Plan (acres)	District benefited	Remarks
1	2	3	4	5	6	7	8	9
		(Rs. in lakhs)						
11	Kulgarhi Canal Project	20·93	..	19·00	10,000	..	Satna	
12	Gurma Nalla Project	29·20	..	28·25	13,460	..	Rewa	
13	Narkoni Nalla Project	30·70	..	29·50	13,900	..	N.A.	
	Scarcity Schemes							
14	Sagar River Project	11·97	0·11 (for items 14–22)	..	3,941	..	Chindwara	
15	Dhuadhar Project	11·67		..	2,780	..	Mandla	
16	Daroli Project	9·64		..	3,600	..	Sagar	
17	Tirgiri Project	9·50		..	4,475	..	Jabalpur	
18	Bhitrigarh Project	6·33		..	2,100	..	Jabalpur	
19	Sariatala Project	8·43		..	1,535	..	Raigarh	
20	Amarua Project	10·79		..	1,984	..	Raipur	
21	Shahaspura Project	12·21		..	4,960	..	Durg	
22	Dumeria Project	15·32		..	4,500	..	Durg	

NOTE :—In the expenditure figures in Second Plan in col. 5, 5 per cent cut has not been made except for items 11, 12 and 13 which are after 5 per cent cut.

IRRIGATION PROJECTS

STATE : MADRAS

Sl. No.	Name of Project	Total Estimated cost	Expenditure incurred to end of First Plan period	Expenditure provided in Second Plan period	Anticipated benefits (acres)	Area actually irrigated at the end of First Plan (acres)	District benefited	Remarks
1	2	3	4	5	6	7	8	9
	Schemes continuing from First Plan		(Rs. in lakhs)					
1	Manimuthar . . .	505·00	370·78	94·29	20,000+ 83,000 (existing)	..	Tinneevelly	
2	Araniyar . . .	104·19	72·71	23·70	11,200	..	Chingleput	In the figures in col. 5, cut of 5 per cent has not been made.
3	Mettur Canal . . .	183·00	160·23	10·00	45,000	7,600	Salem and Coimbatore Distt.	
4	Sathnur . . .	289·00	*86·97	171·97	20,000	..	North and South Arcot	*Works portion.
5	Krishnagiri . . .	202·43	42·95	151·39	7,500	..	Salem	
	Scarcity Schemes							
6	Vaigai	330·00	83·42	226·29	20,000	..	Madurai and Ramned	
7	Amravathi Reservoir Project .	296·71	128·87	146·69	15,000+ 32,000 (existing)	..	Coimbatore	

IRRIGATION PROJECTS

STATE : MYSORE

Sl. No.	Name of Project	Total Estimated cost	Expenditure incurred to end of First Plan period	Expenditure provided in Second Plan period	Anticipated benefits (acres)	Area actually irrigated at the end of First Plan (acres)	District benefited	Remarks
1	2	3	4	5	6	7	8	9
	Schemes continuing from First Plan		(Rs. in lakhs)					
1	Bhadra Reservoir Project	2442·00	626·25	1044·00	2,34,200	..	Shimoga, Chickmagalur, Chitaldrug and Bellary	Figures in cols. 3 & 6 of Tungabhadra High Level Canal scheme are for the whole project.
2	Tungabhadra High Level Canal	2535·00	..	83·50	4,09,000	..	Bellary	
3	Tunga Anicut	231·12	177·43	37·00	21,500	19,135	Shimoga	
4	Ghataprabha Left Bank Canal	545·00	450·02	33·96	1,24,000	32,600	Belgaum and Bijapur	Col. 5 gives the provisions for Mysore only.
5	Kolchi Weir	42·92	30·41	5·45	3,650	..	Belgaum	
6	Rajolibunda	433·00	287·00	*	1,00,000	..	Raichur	*A total provision of Rs. 552 lakhs for Tungabhadra and Rajolibunda projects.
7	Ambigola	56·00	11·31	40·50	6,894	..	Shimoga	
8	Narayanapura Anicut	20·08	17·10	3·00	2,200	..	Chitaldrug	
9	Kariyala Tank	21·75	15·75	8·75	2,050	..	Chitaldrug	
10	Nugu Reservoir Project	244·25	215·69	40·00	20,000	2,000	Mysore	

1	2	3	4	5	6	7	8	9
	Scarcity Schemes							
11	Bandhara at Lakhanpur	4·44	2·60	1·05	4,244	..	Belgaum	
12	Bandhara at Kalloli	2·75	1·92	..	3,300	..	Belgaum	
13	Tank at Ramanhalli	39·62	20·21	23·34	4,800	..	Bijapur	
14	Tank at Kalaskap	17·31	8·74	9·78	2,823	..	Bijapur	
15	Tank at Hallur	21·00	10·00	10·77	4,500	..	Bijapur	
16	Improvements to Tank at Ganjigatti	7·22	2·92	3·51	1,284	..	Dharwar	
17	Irrigation Tank at Arwatgi	3·25	2·25	1·06	740	..	Dharwar	
18	Irrigation Tank at Benchi	2·41	0·12	0·56	720	..	Dharwar	
19	Improvements to Tank at Hamardi	8·23	2·45	4·23	1,818	..	Dharwar	

IRRIGATION PROJECTS

STATE : ORISSA

Sl. No.	Name of Project	Total Estimated cost	Expenditure incurred to end of First Plan period	Expenditure provided in Second Plan period	Anticipated benefits (acres)	Area actually irrigated at the end of First Plan (acres)	District benefited	Remarks
1	2	3	4	5	6	7	8	9
	Schemes continuing from First Plan		(Rs. in lakhs)					
1	Hirakud Dam Project .	*7078·00	5291·00	2799·00	6,72,000	..	Sambalpur, Bolangir and Patna	
2	Mahanadi Delta Scheme .	1492·00	4·40	1235·00	15,96,000	..	Puri and Cuttack	

*Includes cost of power portion and provision for power in col. 5.

IRRIGATION PROJECTS

STATE : PUNJAB

Sl. No.	Name of Project	Total Estimated cost	Expenditure incurred to end of First Plan period	Expenditure provided in Second Plan period	Anticipated benefits (acres)	Area actually irrigated at the end of First Plan (acres)	District benefited	Remarks
1	2	3	4	5	6	7	8	9
	Schemes continuing from First Plan		(Rs. in lakhs)					
1	Bhakra Nangal Project .	19355·00	11832·00	1778	36,20,000	3,51,779	Entire Punjab State	N.A.—Not available.
2	Remodelling of Western Jumna Canal	301·93	N.A.	177	3,28,000	N.A.		Figures in cols. 3, 4, 6 & 7 of Bhakra Project are for the whole Project (Punjab and Rajasthan).
3	Madhopur Beas Link . .	244·81	N.A.	157	..	..		
4	Other Schemes . . .	107·00	N.A.	88	3,66,000	N.A.	Entire State.	
5	Sirhand Feeder . . .	600·00	N.A.	550	6,00,000	N.A.		
	Scarcity Schemes							
6	Dadri	59·50	33·72	12	56,234	4,727	Mahendargarh	Figures in col. 5 are for Punjab only (Irrigation).

NOTE :—In the figures in col. 5, 5 per cent cut has not been made.

IRRIGATION PROJECTS

STATE : RAJASTHAN

Sl. No.	Name of Project	Total Estimated cost	Expenditure to end of First Plan period	Expenditure provided in Second Plan period	Anticipated benefits (acres)	Area actually irrigated at the end of First Plan (acres)	District benefited	Remarks
1	2	3	4	5	6	7	8	9
	Schemes continuing from First Plan		(Rs. in lakhs)					
1	Bhakra Nangal . . .	19355·00	11832·00	554·56	36,20,000	2,19,000	Rajasthan	Figures in cols. 3, 4 & 6 of Bhakra Nangal & Chambal Projects are for the whole project. Provisions under col. 5 are for the Rajasthan State only (Irrigation).
2	Chambal Project (Stage I) .	4803·00	627·72	800·00	11,00,000	..	Kotah and Bundi	
3	Jawai	300·00	228·18	10·00	46,000	23,000	Pali and Jalore	
4	Parbati	87·10	52·50	16·61	37,000	..	Dholpur	
5	Guda	42·35	39·97	1·38	36,700	..	Bundi	
6	Kalisil	16·00	12·63	1·42	14,000	..	Sawai Madhopur (Old Ajmer State)	
7	Gandhi Sarovar (Narain Sagar)	38·13	N.A.	30·00	8,300	..	Ajmer	N. A.—Not available.
8	Umtra Tank	N.A.	N.A.	8·30	N.A.	N.A.	Ajmer	
	Medium Schemes							
9	Meja	59·00	37·14	6·00	37,000	..	Bhilwara	
10	Juggar	19·50	10·52	1·50	9,000	1,800	Sawai Madhopur	

1	2	3	4	5	6	7	8	9
11	Bhula	6·00	3·75	0·68	3,590	300	Jawai Division	
12	Bankli	9·80	9·34	0·40	12,300	6,300	Jawai Division	
13	Morel	41·0	35·20	3·93	24,000	8,900	Jaipur	
14	Lodisarka Naka	14·29		4·50	6,943	..	Dungarpur	
15	Kantri Tank	1·45		0·35	900	..	Dungarpur	
16	Bangolia Project	11·90		2·66	6,680	..	Udaipur	
17	Godala Project	3·08		3·07	1,900	..	Chittor	
18	Gambheri Project	44·23		12·65	33,300	..	Chittor	
19	Sarvania Project	4·47		2·70	4,256	..	Barswara	
20	Sareri Project	33·43	149·14	6·83	19,500	..	Bhilwara	
21	Arwar Project	34·83		7·96	20,250	..	Bhilwara	
22	Khari Project	30·41		12·33	26,100	..	Udaipur	
23	Namona Project	30·82		10·00	13,000	..	Udaipur	
24	Kala Bhata Project	2·57		0·26	1,570	..	Udaipur	
25	Deoria Tank Project	3·80		1·66	2,200	..	Bhilwara	
26	Ora Project	14·96		4·18	8,870	..	Sirohi	
27	Galwa Project	20·82		10·00	16,600	..	Tonk	
28	Mashi Project	22·39		10·00	12,800	..	Tonk	

IRRIGATION PROJECTS

STATE : RAJASTHAN—*contd.*

Sl. No.	Name of Project	Total Estimated cost	Expenditure to end of First Plan period	Expenditure provided in Second Plan period	Anticipated benefits (acres)	Area actually irrigated at the end of First Plan (acres)	District benefited	Remarks
1	2	3	4	5	6	7	8	9
		(Rs. in lakhs)						
29	Parwan Project . . .	11·20	149·14 (for Sl. Nos. 29–35)	3·26	30,000	..	Kotah	
30	Kalisindh Project . .	13·92		5·00	30,000	..	Kotah	
31	Atwara Project . . .	4·23		3·48	3,190	..	Bhilwara	
32	Bhim Sagar Project . .	18·19		8·84	15,966	..	Jhalawar	
33	Bundi Ka Gothra Project . .	9·68		0·12	9,100	..	Bundi	
34	Pai Bala Pura Project . .	6·92		..	4,800	..	Bundi	
35	Bajranggarh Project . .	2·67		2·65	1,790	..	Chittor	

NOTE :—5 **per cent** cut has not been made in the figures in col. 5.

IRRIGATION PROJECTS

STATE : UTTAR PRADESH

Sl. No.	Name of Project	Total Estimated cost	Expenditure incurred to end of First Plan period	Expenditure provided in Second Plan period	Anticipated benefits (acres)	Area actually irrigated at the end of First Plan (acres)	District benefited	Remarks
1	2	3	4	5	6	7	8	9
	Schemes continuing from First Plan		(Rs. in lakhs)					
1	Chandraprabha	87·71	66·13	10·00	24,000	N.A.	Banaras	
2	Naugarh	132·97	63·70	10·00	80,000	N.A.	Banaras and Ghazipur	
3	Sarda Sagar (Stage I) . .	480·00	412·80	73·20	1,72,000	*60,000	Barabanki, Raibarelli, Sultanpur, Pratapgarh, Allahabad and Jaunpur	*Up to 1954-55
4	Dohrighat Pumped Canal .	129·00	45·00	59·28	1,38,838	N.A.	Azamgarh and Ballia	
5	Tanda Pumped Canal . .	64·64	16·70	27·00	67,213	..	Faizabad and Azamgarh	
6	Belan & Tons Canal . .	237·00	222·95	12·00	1,01,477	*62,700	Allahabad	
7	Increasing capacity of Ganga Canal	16·00	17·90	2·00	1,12,000	*93,100	Meerut, Bulandshahr, Aligarh, Mathura and Agra	
8	Remodelling Eastern Jumna Canal	79·94	66·00	33·00	22,000	N. A.	Muzaffarnagar, Saharanpur and Meerut	
9	Remodelling Agra Canal .	54·00	21·70	49·50	51,260	N.A.	Agra and Mathura	
10	Narayani Gandak Pokhra Canal	60.00	31·85	6.50	30,000	N.A.	Gorakhpur and Deoria	5 per cent cut has not been made in the figures in col. 5.
11	Banganga Canal . .	36·32	32·57	1·00	22,000	N.A.	Basti	N.A.—Not available.
12	Remodelling Jani Escape .	13·80	89.30	6·50	N.A.	N.A.	N.A.	
13	Afzalgarh Canal . .	16·80	5·30	8·12	N.A.	N.A.	Moradabad	
14	Arjun Dam . . .	115·00	103·83	0·70	27,000	N.A.	Hamirpur	

IRRIGATION PROJECTS

STATE : WEST BENGAL

Sl. No.	Name of Project	Total Estimated cost	Expenditure incurred to end of First Plan period	Expenditure provided in Second Plan period	Anticipated benefits (acres)	Area actually irrigated at the end of First Plan (acres)	District benefited	Remarks
1	2	3	4	5	6	7	8	9
	Schemes continuing from First Plan		(Rs. in lakhs)					
1	D.V.C. Projects	**10538·00	8539·00	*993·0	13,26,000	1,00,000	Burdwan, Hooghly, Bankura and Howrah	*Irrighation portion.
2	Mayurakshi	1611·00	1137·62	200·0	7,20,000	2,00,000	Birbhun, Murshidabad and Burdwan	** Cost of the project includes power portion.
3	Sonarpur ara-panch and Matla Scheme Part I & II	†117·20	†62·30	17·0	46,400	..	24 Parganas	5 per cent cut has not been made in the figures in col. 5.
4	Bagjola Ghuni Jantra Gachi	†104·00	†16·91	30·0	27,600	..	24 Parganas	†Works portion.

NOTE :—Total provision under the Second Five Year Plan for continuing schemes=Rs. 1248·27 lakhs. This includes provision of Rs. 8·27 lakhs for payment of outstanding expenditure on account of land acquisition of 21 completed schemes.

Power Projects with Costs etc. Recommended for Inclusion in The Second Five Year Plan

POWER PROJECTS

STATE : ANDHRA

Sl. No.	Name of Scheme	Estimated total cost	Expenditure provided in Second Plan period	Installed capacity in kW: During Second Plan period	Installed capacity in kW: On completion	Remarks
1	2	3	4	5	6	7
	New Schemes	(Rs. in lakhs)				
1	Machkund Hydro-electric Project—Stage II (Andhra's share)	225·95	196·00	*17,000	*17,000	* Now changed to 23,000 kW.
2	Tungabhadra-Nellore Hydro-thermal Project (Andhra's share)	769·90	720·00	57,000	57,000	
3	Sileru Hydro-electric Project	2452·70	50·00	..	75,000	
4	Rural Electrification	633·00	633·00	..	..	
5	Investigations of new schemes (Hyderabad-Telangana Region)	10·00	10·00	..	..	
6	Devanoor Hydro-electric Project (Dam only) .	401·00	220·00	..	42,000	
7	Reorganisation of Hyderabad City Power House	100·00	85·50	..	..	
8	Ramagundam Thermal Scheme Extension (Boiler and Cooling Tower only)	50·00	38·20	..	..	
9	66 kV Northern feeder (Ramagundam Scheme)	25·00	19·20	..	..	
10	Rural Electrification Scheme	**150·00	**73·70	2,562	2,562	**Total cost of the scheme and installed capacity proposed under this scheme is shown here and plan provision is the share of Andhra.
11	Investigations	3·80	3·80	..	..	
	TOTAL	4821·35	2049·40	76,562	193,562	

POWER PROJECTS

STATE : ASSAM

Sl. No.	Name of Scheme	Estimated total cost	Expenditure provided in Second Plan period	Installed capacity in kW		Remarks
				During Second Plan period	On completion	
1	2	3	4	5	6	7
	New Schemes		(Rs. in lakhs)			
1	Umtru Hydro-electric Project (Stage II) . .	100·00	100·00	5,000	5,000	An alternative scheme of thermal power generation at Gauhati has been proposed and the project report is awaited.
2	Umtynagar steam power station . . .	70·62	60·00	6,000	6,000	
3	Extension of Umtru H. T. lines to Nowgong and Distribution system	21·58	21·58	..	..	
4	Extension of Umtru H. T. lines in the North Bank & Distribution system	21·66	21·66	..	..	
5	Extension of transmission and distribution of 14 diesel stations	48·17	41·03	..	..	
6	Transmission and distribution of Cherrapunji steam plant	16·58	16·58	..	..	
7	Fourteen diesel stations	38·25	37·39	3,000	3,000	
8	Four small hydel schemes	22·76	22·76	400	400	
9	Investigations	4·40	4·40	..	..	
	TOTAL . .	344·02	325·40	14,400	14,400	

POWER PROJECTS

STATE : BIHAR

Sl. No.	Name of Scheme	Estimated total cost	Expenditure provided in Second Plan period	Installed capacity in kW: During Second Plan period	Installed capacity in kW: On completion	Remarks
1	2	3	4	5	6	7
	New Schemes	(Rs. in lakhs)				
1-8	Utilisation of DVC power (8 schemes) . .	798·54	797·00	..	..	
9	Utilisation of Mayurakshi power (Dumka-Pakur area)	22·52	23·00	..	..	
10	Barauni steam station in North Bihar and Distribution extension	484·00	484·00	30,000	30,000	
11	Taking over the derelict undertakings . .	149·00	149·00	..	..	
12	Rural Electrification	170·00	170·00	..	..	
13	Utilisation of Hirakud power and interconnections between North and South Bihar systems	19·00	19·00	..	..	
	TOTAL . . .	1643·06	1642·00	30,000	30,000	

POWER PROJECTS

D.V.C.

Sl. No.	Name of Scheme	Estimated total cost	Expenditure provided in Second Plan period	Installed capacity in kW		Remarks
				During Second Plan period	On completion	
1	2	3	4	5	6	7
	New Schemes	(Rs. in lakhs)				
1	Installation of 4th Unit at Bokaro power station	456.00	456.00	75,000	75,000	
2	Power supply to Eastern Railway for Electrification of Howrah-Burdwan & Howrah-Tarakeswar sections	78.18	78.00	..	..	
3	132 kV second Circuit from Konar to Patna and Dalmianagar	99.96	100.00	..	..	
4	Durgapur Thermal Power Station	1480.00	1480.00	1,50,000	1,50,000	
5	Extension of existing grid sub-stations and construction of new receiving sub-stations	100.00	100.00	..	..	
	TOTAL	2214.14	2214.00	2,25,000	2,25,000	

POWER PROJECTS

STATE: BOMBAY

Sl. No.	Name of Scheme	Estimated total cost	Expenditure provided in Second Plan period	Installed capacity in kW		Remarks
				During Second Plan period	On completion	
1	2	3	4	5	6	7
	New Schemes	(Rs. in lakhs)				
1	Koyna-Sholapur extension	400·00	300·00	..	..	
2	South Gujerat Grid Scheme (Stage II)	383·29	400·00	45,000	45,000	
3	North Gujerat Grid Scheme (Stage II)	234·72	64·00	..	..	
4	Investigations	25·00	5·00	..	..	
	(Hyderabad-Marathawade Region)					
5	Purna Hydro-electric project	218·69	207·30	10,000	10,000	
	Rural Electrification Scheme	*	32·90	..	..	*Total cost of the scheme and installed capacity shown in Andhra. Plan provision is the share of Bombay only.
	(Kutch Region)					
6—13	Rural Electrification (8 schemes)	96·00	96·00	300	300	
14	Construction of staff quarters for electricity schemes	8·00	8·00	..	..	
	(Madhya Pradesh Region)					
15	Development of Southern Grid					
	(a) Khaperkheda extension (b) Akola steam power station	776·94	777·00	60,000	60,000	

1	2	3	4	5	6	7
16	66 kV line from Chandni to Bhusawal	55·26	56.00	..	..	
	(*Saurashtra Region*)					
17	Porbander steam power station	200·00	150·00	10,000	15,000	
18	Sikka steam power station	94·86	95·32	8,000	8,000	
19	Bhavnagar area steam power station	50·00	50·00	8,000	8,000	
20	Shahpur steam power station	100·00	100·00	10,000	10,000	
21	Morvi steam power station	63·78	63·78	4,000	4,000	
22	Surendranagar steam power station	79·85	72·33	4,000	4,000	
23	Conversion of DC to AC at Rajkot and supply of power to Rajkot textile mills	8·59	8·59	..	..	
24	Rajkot power station extension	11·35	11·35	2,000	2,000	
25	Rural Electrification and Nursery Schemes	150·00	100·00	2,100	2,100	
	TOTAL	2957·33	2597·57	163,400	168,400	

POWER PROJECTS

STATE : JAMMU & KASHMIR

Sl. No.	Name of Scheme	Estimated total cost	Expenditure provided in Second Plan period	Installed capacity in kW		Remarks
				During Second Plan period	On completion	
1	2	3	4	5	6	7
	New Schemes	(Rs. in lakhs)				
1	Ganderbal power house extension . . .	72·77	46·00	9,000	9,000	
2	Small hydel schemes in Jammu & Kashmir provinces	29·35	20·00	800	800	
3	Extension and improvements in the Mohora Power House	109·37	89·00	9,000	9,000	
4	Additional 66 kV line from Pathankot to Jammu	60·00	60·00	..	..	
5	Special repairs to Mohora & Jammu power houses	7·00	7·00	..	..	
6	Standardisation of service lines in Jammu .	4·20	4·00	..	..	
7	Extension of distribution lines to villages and towns in Jammu area	10·21	10·00	..	..	
8	Electrification of tubewells in Kandi area .	30·00	30·00	..	..	
9	Investigations	3·00	3·00	..	..	
10	Improvement to power canal and remodelling the headworks	30·00	30·00	..	..	
	TOTAL .	355·90	299·00	18,800	18,800	

POWER PROJECTS

STATE : KERALA

Sl. No.	Name of Scheme	Estimated total cost	Expenditure provided in Second Plan period	Installed capacity in kW		Remarks
				During Second Plan period	On completion	
1	2	3	4	5	6	7
	New Schemes	(Rs. in lakhs)				
1	Sholeyar Hydro-electric Scheme	425·00	380·00	54,000	54,000	
2	Panniar Hydro-electric Scheme	324·00	280·25	30,000	30,000	
3	Pambayar-Kakiar Hydro-electric Scheme (Stage 1)	965·00	371·45	..	100,000	Total capacity is 300 MW.
4	Transmission Schemes	295·35	237·50	..	..	
5	Distribution Schemes	447·70 (5 and 6)	284·05	..	..	
6	Rural Electrification		342·00	..	..	
7	Investigation and Surveys	23·75	23·75	..	..	
	TOTAL	2480·80	1919·00	84,000	184,000	

POWER PROJECTS

STATE : MADHYA PRADESH

Sl. No.	Name of Scheme	Estimated total cost	Expenditure provided in Second Plan period	Installed capacity in kW: During Second Plan period	Installed capacity in kW: On completion	Remarks
1	2	3	4	5	6	7
	New Schemes	(Rs. in lakhs)				
1	Katni power station	269·46	270·00	20,000	20,000	
2	Korba thermal power station	1234·34	1149·00	90,000	90,000	
3	Rural Electrification	190·00	179·00	..	..	
4	M.P.E.B.'s Building programme	29·25	29·00	..	..	
5	Survey of hydro-electric sites	9·50	10·00	..	..	
6	Supply to Mining areas of Rajhora and Dalli .	30·00	30·00	..	..	
	(*Madhya Bharat Region*)					
7	Chambal hydro-electric project (M.B.'s share) .					
	(a) Rana Partap Sagar dam and power station 50% (3 × 28,000 kW hydro)	883·09	250·00 (for (a) and (b))	..	42,000	
	(b) 4th Unit at Gandhi Sagar 50% (1 × 23,000 kW hydro)	20·50		11,500	11,500	
8	Extension of thermal station at Gwalior or Extension of Chambal transmission system from Sawai-Madhopur to Gwalior	60·00	60·00	..	..	Transmission line is being recommended.
9	Improvement & extension to existing power houses	5·00	5·00	..	..	
10	H.T. line from Gwalior to Morena . . .	6·75	6·75	..	..	
11	Extension of mains at Indore	12·50	12·50	500	500	

1	2	3	4	5	6	7
12	Rural and small towns electrification	247·53	250·00	1,475	1,475	
13	Loans to Licensees	5·00	5·00	..	..	
14	Investigations	3·00	3·00	..	..	
	(Bhopal Region)					
15-18	Transmission & distribution schemes: (i) Diesel power station (ii) Rural electrification (iii) Distribution round important towns (iv) Other allied schemes	171·00	171·00	600	600	It is proposed by M.P.E.B. to install a thermal station at Birsinghpur of 60 MW capacity instead of thermal stations at Burhar and Katni. The detailed proposal is awaited.
	(Vindhya Pradesh Region)					
19	Burhar steam power station	142·90	212·00	10,000	10,000	
20	Augmentation of power supply at Satna	117·10		10,000	10,000	
21	Step-down sub-stations and rural electrification schemes including distribution in the Bundhelkhand area and surveys and investigation of new schemes	98·50	66.70	..	..	
	TOTAL	3535·42	2708·95	144,075	186,075	

POWER PROJECTS

STATE : MADRAS

Sl. No.	Name of Scheme	Estimated total cost	Expenditure provided in Second Plan period	Installed capacity in kW		Remarks
				During Second Plan period	On completion	
1	2	3	4	5	6	7
		(Rs. in lakhs)				
	New Schemes					
1	Kundah Hydro-electric project (Stage I & II) .	3544·00	2300·00	145,000	180,000	
2	Pykara Dam power house	30·00	30·00	3,000	3,000	
3	Papanasam Dam power house . . .	41·00	41·00	4,000	4,000	
4	Transmission and Distribution project . .	1591·00	1753·00	..	..	
5	Improvement to existing power houses . .	350·00	350·00	..	..	
6	Sandyanallah Reservoir Scheme . . .	125·00	125·00	..	..	
7	Investigations	24·00	24·00	..	..	
	SUB-TOTAL	5705·00	4623·00	152,000	187,000	
	Pondicherry					
1	Electrification of villages	41·28	40·00	..	..	
2	Loans to licensees for electrification of villages around Karaikal	7·00	7·00	..	..	
	SUB-TOTAL	48·28	47·00	..	..	
	GRAND TOTAL	5753·28	4670·00	152,000	187,000	

POWER PROJECTS

STATE : MYSORE

Sl. No.	Name of Scheme	Estimated total cost	Expenditure provided in Second Plan period	Installed capacity in kW: During Second Plan period	Installed capacity in kW: On completion	Remarks
1	2	3	4	5	6	7
	New Schemes	(Rs. in lakhs)				
1	Sharavathy Hydro-electric Scheme	2297·00	1300·00	..	142,000	The total installed capacity of Sharavathy project is 710 MW.
2	Tungabhadra Hydro-electric Project (Stage II) (Mysore's share)	25·00	15·00	..	..	
3	Lakkavali Hydro-electric Project	82·00	80·00	33,200	33,200	
4	Normal Capital works	100·00	100·00	..	..	
5	Frequency Conversion	40·00	40·00	..	..	
6	Extension of transmission lines	106·40	100·40	..	..	
7	Step-down sub-stations	75·00	75·00	..	..	
8	Power supply to towns, villages and rural electrification	125·00	125·00	..	..	
9	Survey of projects	3·00	3·00	..	..	
	(Bombay-Karnatak Region)					
10	Jog-Karnataka distribution system	58·00	60·00	..	..	
	(Coorg Region)					
11	Supply of bulk power from Mysore	35·00	35·00	..	..	
12	Rural Electrification	7·25	4·80	..	..	
13	Investigations	1·20	1·20			*Total cost of the scheme of installed capacity is shown under Andhra. Plan provision is only for works falling under reorganised Mysore.
	(Hyderabad-Karnatak Region)					
14	Tungabhadra Hydro-electric Project (Stage II)	50·00	47·50	9,000	9,000	
15	Tungabhadra Project 11 kV lines	50·00	47·50	..	..	
	Rural Electrification	*	16·90	..	..	
	TOTAL	3054·85	2050·90	42,200	184,200	

POWER PROJECTS

STATE : ORISSA

Sl. No.	Name of Scheme	Estimated total cost	Expenditure provided in Second Plan period	Installed capacity in kW: During Second Plan period	Installed capacity in kW: On completion	Remarks
1	2	3	4	5	6	7
	New Schemes	(Rs. in lakhs)				
1	Hirakud subsidiary dam project including 5th unit (37·50 MW) at main Power House	1432·00	1187·50	109,500	109,500	
2	Machkund Hydro-electric Project—Stage II (Orissa's share)	53·98	51·30	..	..	
3	Daduma transmission extension . . .	142·00	130·00	..	..	
4	Utilisation of Hirakud power . . .	7·00	7·00	..	..	
5	Small town and rural electrification . . .	67·82	128·00	..	..	
6	Nationalisation of private undertakings . .	25·00	25·00	..	..	
7	Investigations	12·00	12·00	..	..	
	TOTAL	1739·80	1540·80	109,500	109,500	

POWER PROJECTS

STATE : PUNJAB

Sl. No.	Name of Scheme	Estimated total cost	Expenditure provided in Second Plan period	Installed capacity in kW		Remarks
				During Second Plan period	On completion	
1	2	3	4	5	6	7
	New Schemes		(Rs. in lakhs)			
1	Distribution schemes in Uhl River System	49·57	24·00	..	..	
2	Distribution schemes in Bhakra Nangal System	558·00	559·00	..	..	
	(PEPSU Region)					
3	Small towns and rural electrification . .	102·40	207·00	..	..	
	TOTAL	709·97	790·00	..	..	

POWER PROJECTS

STATE : RAJASTHAN

Sl. No.	Name of Scheme	Estimated total cost	Expenditure provided in Second Plan period	Installed capacity in kW: During Second Plan period	Installed capacity in kW: On completion	Remarks
1	2	3	4	5	6	7
		(Rs. in lakhs)				
	New Schemes					
1	Chambal Hydro-electric Project (Rajasthan's share)					
	(a) Rana Partap Sagar dam and power station (50% of 3×28,000 kW Hydro)	883·09	250·00	..	42,000	
	(b) 4th Unit at Gandhi Sagar (50% of 1×23,000 kW Hydro)	20·50		11,500	11,500	
2	Jodhpur power station extension	30·53	30·00	3,000	3,000	
3	Rehabilitation of privately owned power stations	40·00	40·00	..	..	
4	33 kV line from Jodhpur to Bilara	21·65	21·00	..	..	
5	33 kV line from Bhilwara to Shahpur	9·43	9·00	..	..	
6	11 kV line from Bharatpur to Deog	3·02	3·00	..	..	
7	Rural Electrification	88·28	80·00	4,000	4,000	
8	Investigation and Surveys	3·00	3·00	..	..	
	(Ajmer Region)					
9	Acquisition of Ajmer Electric Supply Co. and Improvement to Distribution System	45·96	45·96	..	..	
10	33 kV transmission line from Ajmer to Beawar and Bijainagar	16·00	16·00	..	..	
11	Rural Electrification	32·35	32·35	..	..	
	TOTAL	1193·81	530·31	18,500	60,500	

POWER PROJECTS

STATE : UTTAR PRADESH

Sl. No.	Name of Scheme	Estimated total cost	Expenditure provided in Second Plan period	Installed capacity in kW		Remarks
				During Second Plan period	On completion	
1	2	3	4	5	6	7
		(Rs. in lakhs)				
	New Schemes					
1	Ramganga Hydel Scheme	1087·93	50.00	..	75,000	
2	Yamuna Hydel Scheme (Stage I & II)	1959·30	990.00	51,000	171,000	
3	Matatila Hydro-electric Project and Bundelkhand Transmission	453·31	377·00	15,000	15,000	
4	Harduaganj Steam Station	284·92	300·00	30,000	30,000	
5	Kanpur System extension	170·00	186·00	15,000	15,000	
6	Ganga Grid transmission (Stage IV)	304·85	200·00	..	..	
7	Electrification of State Tubewells	573·00	350·00	..	..	
8	Rural and Urban Electrification	3365·27	500·00	..	..	
	TOTAL	8198·58	2953·00	111,000	306,000	

I. D. S. LIBRARY

POWER PROJECTS

STATE : WEST BENGAL

Sl. No.	Name of Scheme	Estimated total cost	Expenditure provided in Second Plan period	Installed capacity in kW		Remarks
				During Second Plan period	On completion	
1	2	3	4	5	6	7
	New Schemes	(Rs. in lakhs)				
1	Jaldhaka Hydro-electric Project	350·00	204·22	..	17,000	
2	Diesel Electric Pool	19·20	12·46	840	840	
3	Extension of Mayurakshi Hydro-electric Scheme (Distribution)	13·90	10·52	..	..	
4	North Calcutta Electrification	6·40	6·40	..	..	
5	Kharagpur-Midnapur Electrification	41·15	47·73	..	..	
6	Durgapur-Maldah Transmission Scheme	110·00	52·47	..	..	
7	Howrah-Hoogly Rural Electrification	21·00	27·25	..	..	
8	Rural Electrification	450·00	112·58	..	..	
9	Provision for transmission and sub-stations for sundry irrigation, colliery and suburban loads and a testing laboratory	60.00	30.75		..	
10	Investigation and Surveys	7·75	7·75	..	..	
	TOTAL	1079·40	512·13	840	17,840	

POWER PROJECTS

DELHI

Sl. No.	Name of Scheme	Estimated total cost	Expenditure provided in Second Plan period	Installed capacity in kW		Remarks
				During Second Plan period	On completion	
1	2	3	4	5	6	7
	New Schemes	(Rs. in lakhs)				
1	D.S.E.B. Distribution and Rural Electrification Schemes	250·00	222·00	..	..	
2	N.D.M.C. Electrification Schemes . .	287·00 (items 2 and 3 together)	153·00	..	..	
3	Street lighting extensions in Delhi . .		50·00	..	..	
	TOTAL	537·00	425·00	..	..	

POWER PROJECTS

STATE : HIMACHAL PRADESH

Sl. No.	Name of Scheme	Estimated total cost	Expenditure provided in Second Plan period	Installed capacity in kW: During Second Plan period	Installed capacity in kW: On completion	Remarks
1	2	3	4	5	6	7
	New Schemes	(Rs. in lakhs)				
1	Electrification of Jubbal and Rohru . .	27·43	5·00	..	..	
2	Electrification of Tissa and Bharmaur . .	39·00	39·00	2,100	2,100	
3	Electrification of Theog	23·64	19.00	..	..	
4	Extension of Grid supply and generation of small hydro power stations and distribution schemes	142·82	111·00	..	..	
5	Investigation and load surveys . . .	3·51	1·00	..	..	
	TOTAL	236·40	175·00	2,100	2,100	

POWER PROJECTS

MANIPUR

Sl. No.	Name of Scheme	Estimated total cost	Expenditure provided in Second Plan period	Installed capacity in kW		Remarks
				During Second Plan period	On completion	
1	2	3	4	5	6	7
	New Schemes		(Rs. in lakhs)			
1	Rural Electrification	88·00	88·00	..	..	
2	Hydel Schemes found feasible on investigations					
3	Investigation of new power schemes and load survey	5·00	5·00	..	..	
	TOTAL	93·00	93·00	..	..	

POWER PROJECTS

N. E. F. A.

Sl. No.	Name of Scheme	Estimated total cost	Expenditure provided in Second plan period	Installed capacity in kW		Remarks
				During Second Plan period	On completion	
1	2	3	4	5	6	7
	New Schemes	(Rs. in lakhs)				
1	Electrification of 12 localities with 50 kW Diesel sets	10·00	10·00	600	600	
2	Electrification of 22 localities with 25 kW Diesel sets	5·00	5·00	550	550	
3	Investigation and load survey	4·00	4·00	..	..	
	TOTAL	19·00	19·00	1,150	1,150	

POWER PROJECTS
TRIPURA

Sl. No.	Name of Scheme	Estimated total cost	Expenditure provided in Second Plan period	Installed capacity in kW: During Second Plan period	Installed capacity in kW: On completion	Remarks
1	2	3	4	5	6	7
	New Schemes	(Rs. in lakhs)				
1	Agartala power station extension	10·86	18·00	900	900	
2	Electrification of four towns	12·24	22·00	400	400	
3	Investigations	5·00	5·00	..	..	
	TOTAL	28·10	45·00	1,300	1,300	

POWER PROJECTS

ANDAMAN

Sl. No.	Name of Scheme	Estimated total cost	Expenditure provided in Second Plan period	Installed capacity in kW		Remarks
				During Second Plan period	On completion	
1	2	3	4	5	6	7
	New Schemes	(Rs. in lakhs)				
1	Electrification Schemes	5·00	2·50	..	..	
	TOTAL . . .	5·00	2·50	..	..	

Power Projects Continuing from The First Five Year Plan

POWER PROJECTS

Sl. No.	Name of Scheme	Estimated total cost	Expenditure incurred to end of First Plan period	Expenditure provided in Second Plan period	Installed capacity in kW			Remarks
					To end of First Plan period	During Second Plan period	On completion	
1	2	3	4	5	6	7	8	9
		(Rs. in lakhs)						
	Andhra							
	(a) Machkund Hydro-electric Scheme	2,732	1,837	595·3	34,000	63,000	97,000	
	(b) Ramagundam Thermal Scheme	406	214	137·05	..	37,500	37,500	
	(c) Tungabhadra (*See* under Mysore)							
	Assam							
	(a) Umtru Hydro-electric Project	N.A.	77·15	96·14	..	7,500	7,500	
	(b) 14 Small Towns Electrification Scheme	42	N.A.	40·5	..	1,600	1,600	
	Bihar							
	(a) Utilisation of DVC power in Gaya-Patna area	N.A.	76·23	37	..	..	..	
	(b) Utilisation of DVC power in Dehri-Aurangabad area	N.A.	45·24	57	..	..	..	
	(c) Extension of supply from Maithon to Jamalpur	219	11·75	205	..	..	..	
	(d) Electrification of Sini, Chakradharpur area	78	50·57	33	..	..	..	
	(e) Electrification of coal mines etc.	45	17·67	26	..	..	..	
	(f) Electrification of Dumka area	8	6·65	1	..	..	..	
	(g) Extension of supply to Katihar, Kishangunj and Saharsa	47	15·37	18·0	..	1,338	1,338	

1	2	3	4	5	6	7	8	9
Bombay								
	(a) Koyna Hydro-electric Scheme (Stage 1)	*3,322	295·96	2,900	..	2,40,000	2,40,000	*Under Revision.
	(b) Extension to North Gujerat Electric Grid Scheme (Stage 1) (*Kutch region*)	245·3	N.A.	64	..	..	..	
	(c) Extension of lines to Madhabpur and erection of Nakhatrana P. H.	21·52	N.A.	1·6	..	..	..	
	(d) Central Power Station, Kandla	65	N.A.	63	..	6,000	6,000	
	(e) Diesel Power House at Mundra	N.A.	N.A.	1	..	..	..	
	(f) Erection of power lines to villages around Bhuj, Mandvi and Mundra (*Saurashtra*)	13·5	N.A.	3·5	..	..	..	
	(g) Miscellaneous Electrification Schemes		Not	available				
Madhya Pradesh								
	(a) Chambal Hydro-electric Project (Stage 1)	**4,803	†334	1262·30	..	69,000	69,000	**Includes outlay on irrigation also.
	(b) Extension of Bhopal Power House	N.A.	20·56	19	2,500	5,000	7,500	†Excluding trans.
Jammu and Kashmir								
	(a) Electrification of Basholi, Ramnagar, and Rajouri	16	N.A.	6·16	..	120	120	
	(b) Extension of E. H. T. line from Srinagar to Anantnag	16	N.A.	11·00	..	..	..	
	(c) Improvement to Udhampur Power Canal	8	N.A.	0·5	..	640	640	
	(d) Sindh Hydel Project	N.A.	N.A.	35·42	6,000	..	6,000	N.A.—Not available.
Kerala								
	(a) Poringalkuthu Hydro-electric Scheme	306·27	175·23	75·41	..	32,000	32,000	
	(b) Neriamangalam Hydro-electric Scheme	290	1·93	274	..	45,000	45,000	
	(c) Sengulam and Pallivasal Balance Works	N.A.	N.A.	6·63	..	..	..	
	(d) Transmission lines	N.A.	N.A.	79·39	..	..	..	
Madras								
	(a) Madras plant extension	1,043	601·87	271	30,000	30,000	60,000	
	(b) Periyar Hydro-electric Scheme	1,048	76·51	723	..	1,05,000	1,05,000	
	(c) Acquisition of Electric undertakings	386	59	100	..	..	..	
	(d) Transmission and Distribution lines	2,000	1,689	271	..	..	..	

POWER PROJECTS

Sl. No.	Name of Scheme	Total Estimated cost	Expenditure incurred to end of First Plan period	Expenditure provided in Second Plan period	Installed capacity in kW: To end of First Plan period	Installed capacity in kW: During Second Plan period	Installed capacity in kW: On completion	Remarks
1	2	3	4	5	6	7	8	9
Mysore								
	(a) Tungabhadra Project (Stage I)	**6,000	443	795	..	54,000	54,000	**Includes outlay on irrigation also.
	(b) Shimoga-Bangalore transmission line	264	151	50	..	..	..	
	(c) Rural Electrification	150	20	125	..	..	..	
Orissa								
	(a) Duduma transmission line extension	134·5	110·5	24	..	..	..	
	(b) Utilisation of Hirakud power	N.A.	83·27	93	..	..	..	
	(c) Small towns and rural electrification	97	63·6	31	..	..	..	
	(d) Hirakud Dam Project	**8,570	4,621	762·8	..	1,23,000	1,23,000	N.A.—Not available.
Punjab								
	(a) Distribution Scheme in Uhl river system	850	276·7	272	..	..	..	
	(b) Distribution schemes in Bhakra Nangal System	850	249	380	..	..	..	
	(c) Bhakra-Nangal Generating units	**19,354·8	†10,900	2,664	48,000	5,46,000	5,94,000	†Expenditure upto February 1956. It includes outlay on irrigation also.
	(d) Bhakra Nangal Transmission	N.A.	N.A.	N.A.	..	..	..	
Rajasthan								
	(a) Distribution schemes under Bhakra-Nangal including small towns and rural electrification to increase employment	N.A.	● 8·123	114	..	..	..	
	(b) Thermal Power Stations and the connected works	348·066	19·874	216	1,300	22,700	24,000	
	(c) (Ajmer) small town electrification	10·99	..	5·2	..	419	419	

1	2	3	4	5	6	7	8	9
Uttar Pradesh								
	(*a*) Rihand hydel scheme . . .	4526·11	655·88	2,600	..	150,000	250,000	
	(*b*) Eastern area power stations . .	N.A.	470·5	76·03	..	45,000	45,000	
	(*c*) Ganga transmission lines (I, II, III) .	309	132	158·6	..	..	..	
	(*d*) Small hydel schemes	60	3·7	20	30	200	230	
	(*e*) Electrification of 36 towns . . .	162	95·6	66·4	..	..	..	
	(*f*) Khatima power house . . .	748	367	34·62	27,600	13,800	41,400	
	(*g*) Sarda transmission	437	347·4	20	..	..	..	
	(*h*) Mohamadpur power house . .	31	24·06	0·5	9,300	..	9,300	
	(*i*) Pathri power station . . .	231	195·62	27·26	20,400	..	20,400	
	(*j*) Mainpuri power station . . .	230	124·84	86·49	..	10,000	10,000	
West Bengal			Nil					
Himachal Pradesh	Miscellaneous electrification schemes .	N.A.	N.A.	30	500	N.A.	N.A.	N.A.—Not available.
Vindhya Pradesh	Miscellaneous diesel and steam power station schemes	102·5	51·17	51·33	1,704	N.A.	N.A.	
Pondicherry	Electrification of villages		Not available.					
D.V.C.	Spillover schemes	N.A.	**8,657	1,062	154,000	100,000	254,000	**Includes outlay on irrigation also.
Manipur	Rehabilitation of power supply system at Imphal	6·47	3·19	3·28	156	300	456	
Tripura	Nationalisation of Agartala Electric Supply Company	9·446	5·045	4·401	476	243	719	

Flood Protection Schemes with Costs etc. Recommended for Inclusion in The Second Five Year Plan

FLOOD PROTECTION SCHEMES

STATE : ASSAM

Sl. No.	Name of Scheme	Total Estimated cost	Expenditure provided in Second Plan period	Anticipated benefits: During Second Plan period (i) No. of towns/villages protected (ii) Area protected in lakh acres	Anticipated benefits: On completion (i) No. of towns/villages protected (ii) Area protected in lakh acres	Remarks
1	2	3	4	5	6	7
		(Rs. in lakhs)				
	New Schemes					
1	Rehabilitation of Palasbari new Township	16·00	..	N.A.	People of Palasbari will be shifted to this new township.	N. A.—Not available.

FLOOD PROTECTION SCHEMES

STATE : BOMBAY (SAURASHTRA)

Sl. No.	Name of Scheme	Total Estimated cost	Expenditure provided in Second Plan period	Anticipated benefits		Remarks
				During Second Plan period (*i*) No. of towns/villages protected (*ii*) Area protected in lakh acres	On completion (*i*) No. of towns/villages protected (*ii*) Area protected in lakh acres	
1	2	3	4	5	6	7
		(Rs. in lakhs)				
	New Schemes (Minor)					
1	107 Minor Schemes	56·08	*56·0			*Schemes were first proposed in First Plan and are continuing in Second Plan.

FLOOD PROTECTION SCHEMES

STATE: BIHAR

Sl. No.	Name of Scheme	Total Estimated cost	Expenditure provided in Second Plan period	Anticipated benefits: During Second Plan period (i) No. of towns/villages protected (ii) Area protected in lakh acres	Anticipated benefits: On completion (i) No. of towns/villages protected (ii) Area protected in lakh acres	Remarks
1	2	3	4	5	6	7
		(Rs. in lakhs)				
	New Schemes					
1	Construction of embankments along Burhi Gandak from Panapur to outfall of Dhananti .	47·14	47·14	N.A.		
2	Construction of embankments along Burhi Gandak from Panapur to outfall of Sijua Nala	66·35	66·35	N.A.		
3	Adhwara scheme group I—for Adhwara-Jamura-Sikao-Burhmad group	74·41	74·41	N.A.		
	TOTAL .	187·90	187·90			

FLOOD PROTECTION SCHEMES

DELHI

Sl. No.	Name of Scheme	Total Estimated cost	Expenditure provided in Second Plan period	Anticipated benefits		Remarks
				During Second Plan period (i) No. of towns/villages protected (ii) Area protected in lakh acres	On completion (i) No. of towns/villages protected (ii) Area protected in lakh acres	
1	2	3	4	5	6	7
		(Rs. in lakhs)				
	New Schemes					
1	Construction of spurs and revetment on right bank of river Jamna from Power House (Delhi State) to Nallah No. 12 . . .	12·74	..	..	..	

FLOOD PROTECTION SCHEMES

STATE : PUNJAB

Sl. No.	Name of Scheme	Total Estimated cost	Expenditure provided in Second Plan period	Anticipated benefits: During Second Plan period (i) No. of towns/villages protected (ii) Area protected in lakh acres	Anticipated benefits: On completion (i) No. of towns/villages protected (ii) Area protected in lakh acres	Remarks
1	2	3	4	5	6	7
		(Rs. in lakhs)				
	New Schemes (Major)					
1	Janauri dam project in Hoshiarpur District	15·12	14·25			
2	Canalising Kasur Nallah	86·16	70·00		4·48	
3	Canalising Nasralla *Choe* from Nasralla Railway Bridge to East Bein . .	28·10			Adampur airfield and vast area of cultivated land besides many villages protected against floods.	
	New Schemes (Minor)					
4	18 Schemes	64·30				

FLOOD PROTECTION SCHEMES

STATE : UTTAR PRADESH

Sl. No.	Name of Scheme	Total Estimated cost	Expenditure provided in Second Plan period	Anticipated benefits: During Second Plan period (i) No. of towns/villages protected (ii) Area protected in lakh acres	Anticipated benefits: On completion (i) No. of towns/villages protected (ii) Area protected in lakh acres	Remarks
1	2	3	4	5	6	7
	New Schemes (Major)	(Rs. in lakhs)				
1	Flood protection works on river Jumna below Tajewala (U.P. side)	24·38	*		0·02	*Expenditure provided in Second Plan period is Rs. 126 lakhs for Schemes from 1—8.
2	Protection works on Rajapur town against erosion	20·00	*		Rajapur town and population	
3	Improving drainage of Karon Nadi for relieving flooded area in Bulandshahr, Aligarh, Mathura and Agra districts	22·54	*		0·15	
4	Flood detention reservoir on river Baigul	43·00	*		0·16	
5	Protection of Bateshwar town in Agra district	20·80	*		Bateshwar town and population	
6	Construction of Kankhal spurs at Hardwar	11·65	*		Kankhal bund and Kankhal town	
7	Constructing marginal bund along left bank of river Jamuna for protection of 99 villages in Saharanpur and Muzaffarnagar districts	37·65	*		0·9728	
8	Detention reservoirs on Rapti and its tributaries	460·00	*			
	New Schemes (Minor)					
	21 New Schemes	97·00	97·00			

FLOOD PROTECTION SCHEMES

STATE : WEST BENGAL

Sl. No.	Name of Scheme	Total Estimated cost	Expenditure provided in Second Plan period	Anticipated benefits		Remarks
				During Second Plan period (*i*) No. of towns/villages protected (*ii*) Area protected in lakh acres	On completion (*i*) No. of towns/villages protected (*ii*) Area protected in lakh acres	
1	2	3	4	5	6	7
	New Schemes	(Rs. in lakhs)				
1	Protection of left bank of river Diana below Kalabari	18·03	18	N. A.	N. A.	
2	Barnes Domohani (II Phase)	29·83	29	N. A.	N. A.	
	TOTAL	47·86	47			

Flood Protection Schemes

Continuing from

The First Five Year Plan

FLOOD PROTECTION SCHEMES

STATE : ANDHRA

Sl. No.	Name of Scheme	Total Estimated cost	Expenditure incurred to end of First Plan period	Expenditure provided in Second Plan period	Benefits during First Plan period (i) No. of towns/villages protected (ii) Area protected in lakh acres	Anticipated benefits: During Second Plan period (i) No. of towns/villages protected (ii) Area protected in lakh acres	Anticipated benefits: On completion (i) No. of towns/villages protected (ii) Area protected in lakh acres	Remarks
1	2	3	4	5	6	7	8	9
	(Rs. in lakhs)							
	Schemes continuing from First Plan							
1	Budameru Diversion Scheme	24·0					1·5	
2	Installation of gauge stations and flood warning system for Godavari, Krishna and Pennar rivers	15·0	1·18	58·72				
3	Repairs and improvements to East Tungabhadra stream	20·9					2·07	
	TOTAL	59·9						

FLOOD PROTECTION SCHEMES

STATE : ASSAM

Sl. No.	Name of scheme	Total Estimated cost	Expenditure incurred to end of First Plan period	Expenditure provided in Second Plan period	Benefits during First Plan period (*i*) No. of towns/villages protected (*ii*) Area protected in lakh acres	Anticipated Benefits: During Second Plan period (*i*) No. of towns/villages protected (*ii*) Area protected in lakh acres	Anticipated Benefits: On completion (i) No. of towns/villages protected (*ii*) Area protected in lakh acres	Remarks
1	2	3	4	5	6	7	8	9
	(Rs. in lakhs)							
	Schemes continuing from First Plan							
1	Protection of Dibrugarh from erosion of the Brahmaputra .	259·80	223·72	40·00	N.A.	N.A.	Dibrugarh Town	
2	Protection of Palasbari town from the erosion of the Brahmaputra	13·20	10·77	N.A.	N.A.	N.A.	Palasbari Town	
3	Construction of dyke on the South Bank of Brahmaputra from Silghat to Dhing .	41·85	10·06	34·58	N.A.	N.A.	0.75	
	TOTAL . . .	314·85	244·55					

FLOOD PROTECTION SCHEMES

STATE : BIHAR

Sl. No.	Name of Scheme	Total Estimated cost	Expenditure incurred to end of First Plan period	Expenditure provided in Second Plan period	Benefits during First Plan period (i) No. of towns/villages protected (ii) Area protected in lakh acres	Anticipated benefits: During Second Plan period (i) No. of towns/villages protected (ii) Area protected in lakh acres	Anticipated benefits: On completion (i) No. of towns/villages protected (ii) Area protected in lakh acres	Remarks
1	2	3	4	5	6	7	8	9
		(Rs. in lakhs)						
	Schemes continuing from First Plan							
1	Embankment on Burhi Gandak along right bank from Muzaffarpur to Darbhanga district .	35·97	22·82	..	N.A.	N.A.	2.52	
2	Embankment along left bank of Burhi Gandak from Rosera to Parihara	65·08	35·87	..	N.A.	N.A.	1.13	
3	Embankment along right bank of Burhi Gandak from Rosera to Nima	61·33	29·52	..	N.A.	N.A.	1.03	
4	Embankment on the old Bagmati and the Burhi Gandak from Hathuri to Rosera . .	43·53	18·90	..	N.A.	N.A.	0.36	
5	Kirohi Scheme : Desilting, widening and forming embankments on both banks of Kirohi river .	58·43	10·47	..	N.A.	N.A.	0.68	
6	Repairing and strengthening bunds (7 Nos.) on the left bank of Gogra river . . .	19·46	9·40	..	N.A.	N.A.	1.44	

1	2	3	4	5	6	7	8	9
7	Improvement to Kharika bund on the right bank of Burhi Gandak	10·47	5·35	..	N.A.	N.A.	0.32	
8	Rosera-Angraghat embankment on the right bank of Burhi Gandak	18·01	7·32	..	N.A.	N.A.	0.20	
9	Embankment on the right bank of Burhi Gandak from Dharbhanga district border to Pusa Estate	10·08	3·81	..	N.A.	N.A.	0.09	
10	Embankment from confluence of Mahi with the Ganga up to end 8 No. bund with river Mahi in Saran district	16·35	5·68	..	N.A.	N.A.	0.307	
11	Balan river embankment	24·92	10.16	..	N.A.	N.A.	0.48	
12	Bainty river embankment	16·63	7·02	..	N.A.	N.A.	0.24	
13	Embankment along left bank of Burhi Gandak from a point opposite Pusa to Bachauli .	52·00	18·02	..	N.A.	N.A.	0.599	
14	Embankment on the left bank of Burhi Gandak from Muzaffarpur to a point opposite Pusa .	39·12	11·64	..	N.A.	N.A.	0.32	
15	Embankment for the right bank of Burhi Gandak from Khagaria to Nima	42·15	1·25	..	N.A.	N.A.	0.53	
16	Embankment of Burhi Gandak from Khagaria to Parihara	30·35	1·67	..	N.A.	N.A.	0.13	
17	Embankment on the right bank of Burhi Gandak from Pusa to Angraghat	41·65	3·87	..	N.A.	N.A.	0.51	
18	Embankment along the left bank of Bagmati (Kareha) from Hayaghat to Sirsin . .	84·96	..	..	N.A.	N.A.	0.403	
19	Embankment along the right bank of Bagmati (Kareha) from Hayaghat to Karachin .	121·35	..	..	N.A.	N.A.	0.555	
20	Kamla Balan Scheme	400·00	4·19	..	N.A.	N.A.	4·73	
		1191·84	206·96				16.574	

FLOOD PROTECTION SCHEMES

DELHI

Sl. No.	Name of Scheme	Total Estimated cost	Expenditure incurred to end of First Plan period	Expenditure provided in Second Plan period	Benefits during First Plan period (i) No. of towns/villages protected (ii) Area protected in lakh acres	Anticipated benefits: During Second Plan period (i) No. of towns/villages protected (ii) Area protected in lakh acres	Anticipated benefits: On completion (i) No. of towns/villages protected (ii) Area protected in lakh acres	Remarks
1	2	3	4	5	6	7	8	9
		(Rs. in lakhs)						
	Schemes continuing from First Plan							
1	Constructing marginal bund on left bank of Jamuna river upstream of railway bridge up to Pabbi village in U. P. State .	17·02						
	Minor Schemes		1·119	..	..	..	0·01	
2	11 Minor Schemes . . .	7·049						

Note: columns 4–8 values are bracketed together for both schemes.

FLOOD PROTECTION SCHEMES

STATE : HIMACHAL PRADESH

Sl. No.	Name of Scheme	Total Estimated cost	Expenditure incurred to end of First Plan period	Expenditure provided in Second Plan period	Benefits during First Plan period (*i*) No. of towns/villages protected (*ii*) Area protected in lakh acres	Anticipated benefits: During Second Plan period (*i*) No. of towns/villages protected (*ii*) Area protected in lakh arces	Anticipated benefits: On completion (*i*) No. of towns/villages protected (*ii*) Area protected in lakh acres	Remarks
1	2	3	4	5	6	7	8	9
		(Rs. in lakhs)						
	Schemes continuing from First Plan							
	(*a*) *Major Schemes*			Nil				
	(*b*) *Minor Schemes*							
	1 Scheme . . .	0·34	..	..	..	..	..	

FLOOD PROTECTION SCHEMES

STATE : JAMMU & KASHMIR

Sl. No.	Name of Scheme	Total Estimated cost	Expenditure incurred to end of First Plan period	Expenditure provided in Second Plan period	Benefits during First Plan period (i) No. of towns/villages protected (ii) Area protected in lakh acres	Anticipated benefits: During Second Plan period (i) No. of towns/villages protected (ii) Area protected in lakh acres	Anticipated benefits: On completion (i) No. of towns/villages protected (ii) Area protected in lakh acres	Remarks
1	2	3	4	5	6	7	8	9
	Schemes continuing from First Plan	(Rs. in lakhs)						
1	Kashmir Valley Flood Protection—Phase I . . .	91.00	23.86	51.14	N. A.	N. A.	0.45 Rs. 1.11 lakhs	

FLOOD PROTECTION SCHEMES

STATE : MADHYA PRADESH

Sl. No.	Name of Scheme	Total Estimated cost	Expenditure incurred to end of First Plan period	Expenditure provided in Second Plan period	Benefits during First Plan period (*i*) No. of towns/villages protected (*ii*) Area protected in lakh acres	Anticipated benefits: During Second Plan period (*i*) No. of towns/villages protected (*ii*) Area protected in lakh acres	Anticipated benefits: On completion (*i*) No. of towns/villages protected (*ii*) Area protected in lakh acres	Remarks
1	2	3	4	5	6	7	8	9
	Schemes continuing from First Plan	(Rs. in lakhs)						
	Minor Schemes							
1	Protection of Pusad town from the floods of Pus river in Yeotmal district	2.10	0.56	*1.47 say 1.50	..	..	One town	*As demanded by the State.

FLOOD PROTECTION SCHEMES

STATE : ORISSA

	Name of Scheme	Total Estimated cost	Expenditure incurred to end of First Plan period	Expenditure provided in Second Plan period	Benefits during First Plan period (i) No. of towns/villages protected (ii) Area protected in lakh acres	Anticipated benefits: During Second Plan period (i) No. of towns/villages protected (ii) Area protected in lakh acres	Anticipated benefits: On completion (i) No. of towns/villages protected (ii) Area protected in lakh acres	Remarks
1	2	3	4	5	6	7	8	9
	Schemes continuing from First Plan		(Rs. in lakhs)					
	Major Schemes							
1	Construction of spurs at Dalaighai	22·88	23·03	*72·78	..	..	..	*As demanded by the State.
	Minor Schemes							
2	58 Minor Schemes . . .	64·10						
	TOTAL . . .	86·98						

(Columns 4–9 figures are bracketed against items 1 and 2 together.)

FLOOD PROTECTION SCHEMES

STATE : PUNJAB (including PEPSU)

Sl. No.	Name of Scheme	Total Estimated cost	Expenditure incurred to end of First Plan period	Expenditure provided in Second Plan period	Benefits during First Plan period (*i*) No. of towns/ villages protected (*ii*) Area protected in lakh acres	Anticipated benefits: During Second Plan period (*i*) No. of towns/ villages protected (*ii*) Area protected in lakh acres	Anticipated benefits: On completion (*i*) No. of towns/ villages protected (*ii*) Area protected in lakh acres	Remarks
1	2	3	4	5	6	7	8	9
	Schemes continuing from First Plan	(Rs. in lakhs)						
	Major Schemes							
			Nil					
	Minor Schemes							
	13 Minor schemes (7 from Punjab and 6 from PEPSU) .	26·80	15·45	11·35				

FLOOD PROTECTION SCHEMES

STATE : UTTAR PRADESH

	Name of Scheme	Total Estimated cost	Expenditure incurred to end of First Plan period	Expenditure provided in Second Plan period	Benefits during First Plan period (*i*) No. of towns/villages protected (*ii*) Area protected in lakh acres†	Anticipated benefits: During Second Plan period (*i*) No. of towns/villages protected (*ii*) Area protected in lakh acres	Anticipated benefits: On completion (*i*) No. of towns/villages protected (*ii*) Area protected in lakh acres	Remarks
1	2	3	4	5	6	7	8	9
	Schemes continuing from First Plan	(Rs. in lakhs)						
1	Construction of Chitauni bund .	18·48	20·13	*	1·21	1·21	1·21	*This gives the area benefited up to Oct. 1956 †Rs. 520·00 lakhs for all continuing Schemes including Minor.
2	Constructing Ballia Baria bund on Ganga	15·66	8·03	*	0·50	0·608	0·608	
3	Raising of 300 marooned villages in districts of Basti, Gorakhpur and Deoria	66·00	53·49	*	600 villages	625 villages	625 villages	
4	Constructing Bondi-Bahrahuli bund along river Ganga in Bahraich District . . .	15·00	5·72	*	0·50	1·50	1·50	
5	Protection of 150 marooned villages along river Ghagra in Bahraich District . . .	15·64	2·57	*	100 villages	150 villages	150 villages	
6	Protection of 120 villages along river Ganga in Ballia District .	14·34	1·55	*	100 villages	120 villages	120 villages	

1	2	3	4	5	6	7	8	9
7	Constructing Turti-Shrinagar bund along right bank of Ghagra river in Ballia District . .	29·16	9·01	*	0·20	0·896	0·896	
8	Constructing Mohala-Garhwal bund along right bank of river Ghaghra, District Azamgarh .	25·94	9·14	*	0·20	0·88	0·88	
9	Constructing Paraspur-Dharaura bund along left bank of river Ghagra in District Gonda .	24·39	8·13	*	..	0·51	0·51	N. A.—Not available.
10	Constructing Bohra-Bondi bund along left bank of river Ghagra in District Bahraich . .	15·77	5·78	*	0·50	1·60	1·60	
11	Constructing bund along left bank of Ghagra to stop spilling into Kwano	20·73	..	*	..	0·10	0·10	
12	Constructing bund along right bank of river Naraini in Nepal territory on Burhi Gandak .	18·55	..	*	..	0·25	0·25	
13	Raising of 102,500 marooned villages in the Eastern Districts of U.P.	300·00	53·15	*	1,300 villages	2,500 villages	2,500 villages	
14	Flood Protection works at Banaras Ghats on Ganga	55·12	**30·15	*	Banaras (2 Ghats)	Banaras town (9 Ghats)	Banaras town (9 Ghats)	**(Banaras ghat & 8 other schemes.)
	Minor Schemes							
	39 Minor schemes	160·26	N.A.	*	1·03 and 100 villages raised	2·226	2·226	

FLOOD PROTECTION SCHEMES

STATE : WEST BENGAL

	Name of Scheme	Total Estimated cost	Expenditure incurred to end of First Plan period	Expenditure provided in Second Plan period	Benefits during First Plan period (i) No. of towns/village protected (ii) Area protected in lakh acres	Anticipated benefits: During Second Plan period (i) No. of towns/villages protected (ii) Area protected in lakh acres	Anticipated benefits: On completion (i) No. of towns/villages protected (ii) Area protected in lakh acres	Remarks
1	2	3	4	5	6	7	8	9
	Schemes continuing from First Plan	(Rs. in lakhs)						
1	Protection of Alipurduar Town	19·47	12·78	3·00	N.A.	N.A.	(i) Town (ii) 0.10	N. A.—Not available.
2	Jalpaiguri Town Protection works	70·61	55·78	15·60	N.A.	N.A.	(i) Town (ii) 0.05	
3	Cooch-Behar Town Protection works	63·73	54·55	9·00	N.A.	N.A.	(i) Town (ii) 0.22	
4	Mathabhanga Town Protection works	15·71	13·10	2·90	N.A.	N.A.	(i) Town (ii) 0·32	
5	Protection of the area on the left bank of the river Kaljani below railway Bridge near Alipurduar	10·79	Nil	8·00	N.A.	N.A.	0.01	
6	Survey and investigation in connection with flood investigations in North Bengal . . .	23·30	Nil	21·20				
	TOTAL	203·61	136·21					

ACCESSIONED 1.8/31.4.47.

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